

Interplenal Application No - PCT/EP 02/04158

A. CLASSIF	ICATION OF SUBJECT MATTER E05D15/24 E06B3/48								
1									
According to	International Patent Classification (IPC) or to both national classification	on and IPC							
B. FIELDS S		cymbole)							
IPC 7	cumentation searched (classification system followed by classification E05D E06B	synbols,							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic da	ata base consulted during the International search (name of data base	and, where practical, search terms used)							
EPO-Int	ternal								
			1						
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the relevant	vant passages	Relevant to dalm No.						
.,	US 2 239 273 A (NORBERG WILLIAM A	CT AL	1-4,6,						
Х	22 April 1941 (1941-04-22)	9-13							
	page 2, line 39 -page 3, line 2	5							
Y	figures 6-8		5						
x	US 3 376 913 A (CLAPSADDLE VICTOR	1,2,6,							
	9 April 1968 (1968-04-09)	10-12							
	column 3, line 6 - line 55 figures 2-5								
		• >							
Y	US 3 140 508 A (SWITZGABLE ELVIN 14 July 1964 (1964-07-14)	C)	5						
	14 July 1984 (1984-07-147) figure 4								
			,						
		Y Patent family members are listed	In annex						
Fur	ther documents are listed in the continuation of box C.	X Patent family members are listed							
T later document published after the international filing date or priority date and not in conflict with the application but									
"A" document defining the general state of the art which is not cited to understand the principle or theory underlying the invention									
E earlier document but published on or after the international *X* document of particular relevance; the claimed invention sting data.									
"L' document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone which is cited to establish the publication date of another "Y' document of padicular relevance; the claimed invention									
citation or other special reason (as specialed) cannot be considered to involve an inventive step when the cannot be considered to involve an inventive step when the cannot be considered to involve an inventive step when the									
other	means ment published prior to the international filing date but	ments, such combination being obvi in the art.							
later	than the priority date claimed	*&* document member of the same pater							
Date of the	e actual completion of the International search	Date of mailing of the International s	заган төрөн						
	3 January 2003	10/01/2003							
Name and mailing address of the ISA Authorized officer									
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk	Manager Manager	•						
	Tel. (+31−70) 340−2040, Tx. 31 651 epo nl. Fax: (+31−70) 340−3016	Witasse-Moreau,	L						

INTERNATIONAL SEARCH REPORT Information on patent family members

Inte

enterponal Application No - PCT/EP 02/04158

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2239273	A	22-04-1941	US	2196903 A	09-04-1940
US 3376913	Α	09-04-1968	NONE	· · · · · · · · · · · · · · · · · · ·	
US 3140508	A	14-07-1964	NONE		